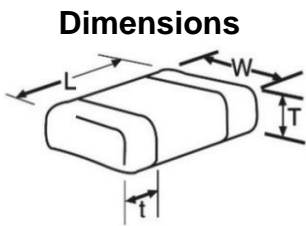


18125G106ZAT2A Datasheet

(1812 50V Y5V 10uF +80% -20%)



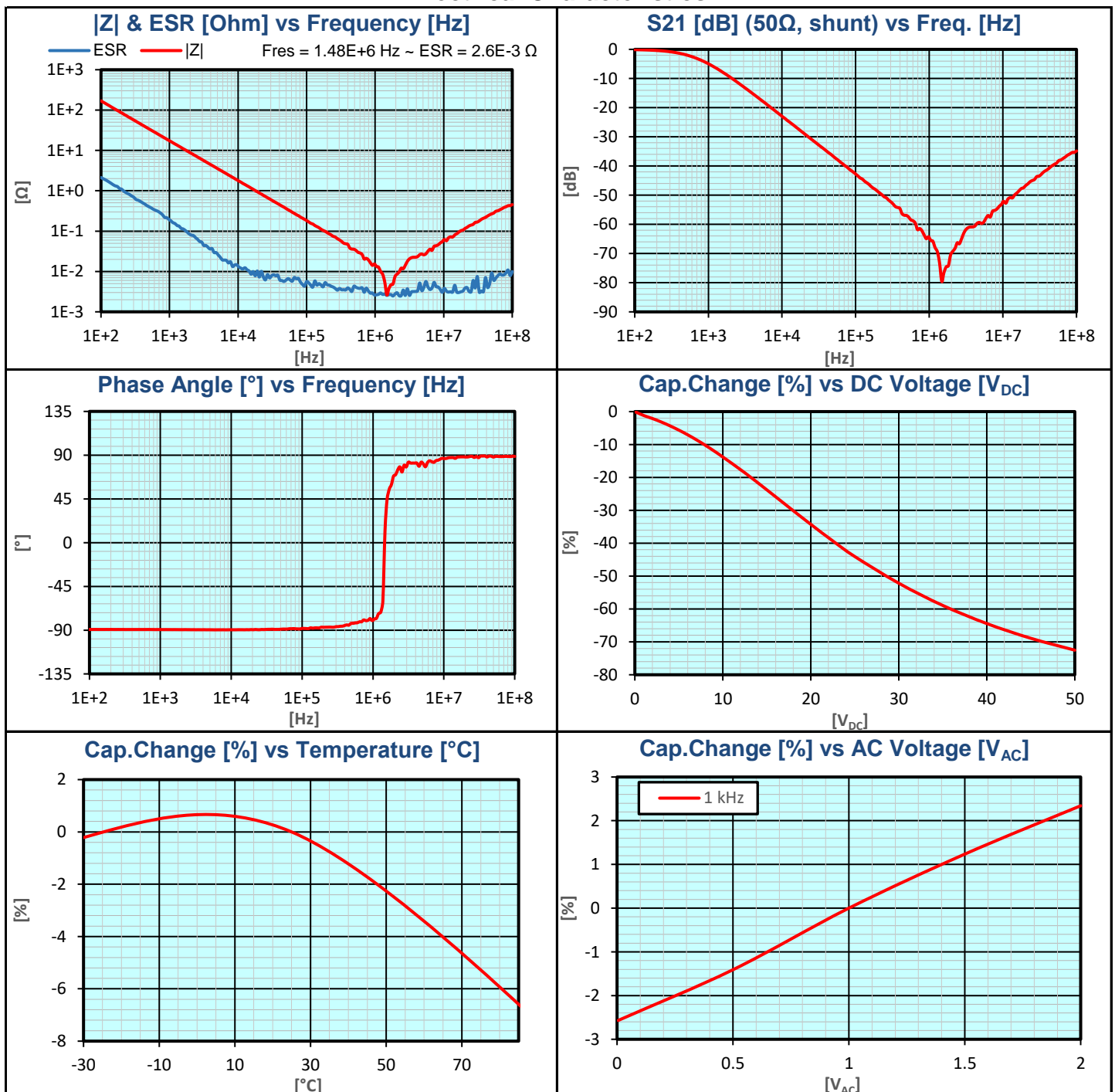
Dimensions

	millimetres	inches
L	4.5 ± 0.4	0.177 ± 0.016
W	3.2 ± 0.4	0.126 ± 0.016
T max.	2.79	0.11
t	0.61 ± 0.36	0.024 ± 0.014

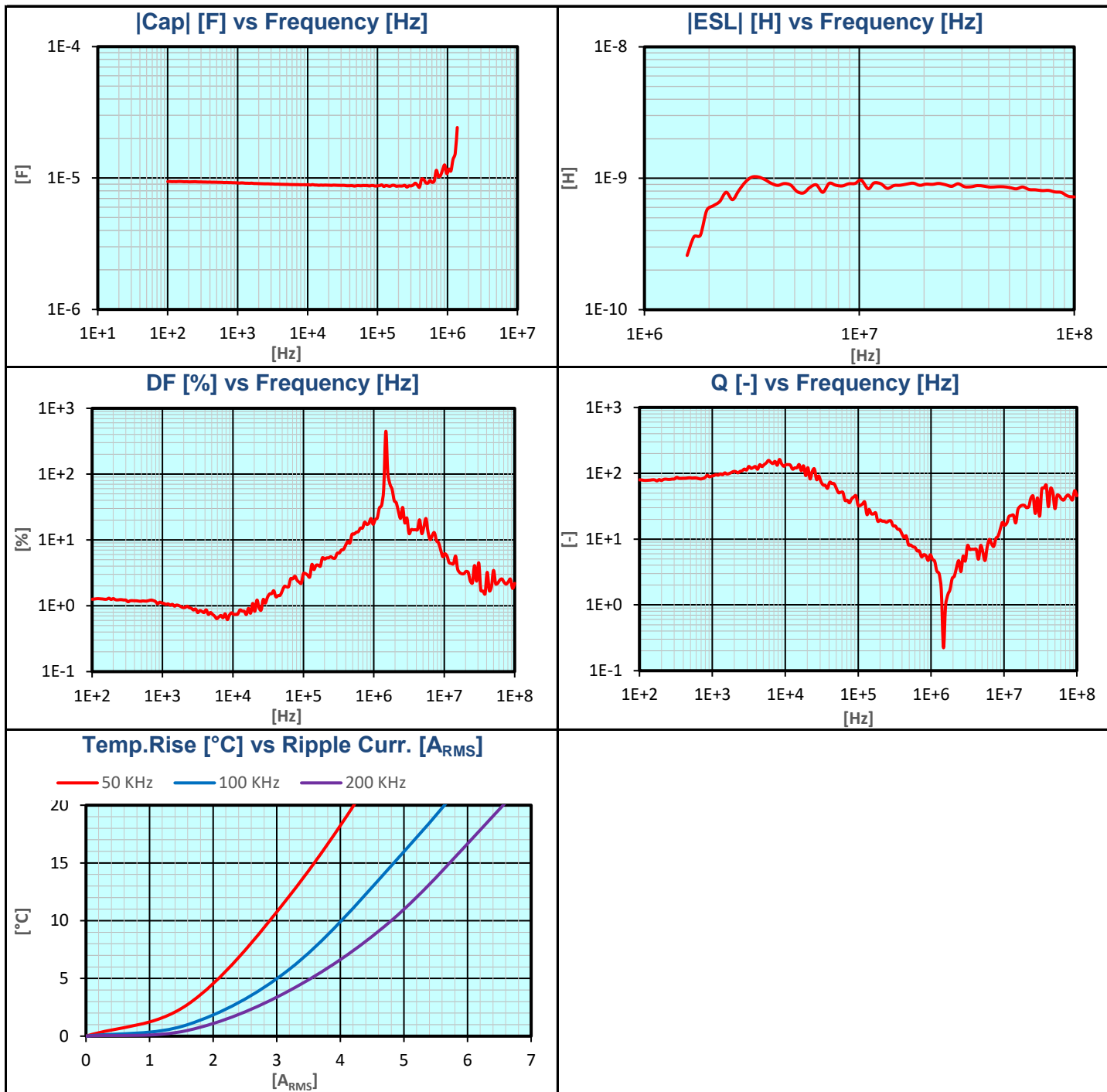
Basic Specifications

Item	Unit	Spec.	Conditions
Capacitance	uF	8 to 18	@ 1 kHz, 1 Vrms
DF	%	10 max.	@ 1 kHz, 1 Vrms
IR	MΩ	50 min.	@ 50 Vdc, t = 120 s
DWV	Vdc	125	@ I ≤ 50mA, t ≤ 5 s
Operating Temperature		-30°C to +85°C	
Dielectric		Y5V	
AEC-Q200		Not qualified	
RoHS Compliant		Yes	
Termination		Sn	

Electrical Characteristics



Electrical Characteristics



18125G106ZAT2A Datasheet

(1812 50V Y5V 10uF +80% -20%)

How To Order

0805	3	G	104	Z	A	T	2	A
Size (L" x W")	Voltage 6.3V = 6 10V = Z 16V = Y 25V = 3 50V = 5	Dielectric Y5V = G	Capacitance Code (In pF) 2 Sig. Digits + Number of Zeros	Capacitance Tolerance Z = +80 -20%	Failure Rate A = Not Applicable	Terminations T = Plated Ni and Sn	Packaging 2 = 7" Reel 4 = 13" Reel	Special Code A = Std. Product

NOTICE: Specifications are subject to change without notice. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee or responsibility of any kind, expressed or implied. Specifications are typical and may not apply to all applications.